Thangella Jugal Kishore Reddy

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Summary

Results-driven and highly motivated BTech student with a strong foundation in machine learning and coding (C, Python). Proven leadership in leading and growing the Qubit Club, fostering passion for quantum computing through workshops and events. Developed expertise in machine learning through two independent projects. Seeking an opportunity to leverage technical skills and leadership experience to contribute to a dynamic and innovative team.

Work Experience

Head of Design and content - Qubit Club Nov 2023 - May 2024

Led design and content creation for Qubit Club, a college organization focused on quantum computing. Developed and executed engaging workshops and events to educate students on the principles and applications of quantum computing.

Vice president - Qubit Club May 2024 - Present

Led and managed the Qubit Club, fostering a community of quantum computing enthusiasts through workshops, speaker events, and research collaborations. Spearheaded initiatives to promote knowledge sharing and facilitate impactful projects within the club. Developed and implemented strategic partnerships with industry leaders to enhance member engagement and learning opportunities. Contributed to the club's growth and visibility, fostering a vibrant and dynamic environment for quantum computing exploration.

Projects

Disease Diagnosis Link to Demo

Developed a disease diagnosis model using imbalanced training data. Successfully addressed data imbalance through SMOTE oversampling. Model effectively learned from the augmented dataset, leading to improved diagnostic accuracy.

Gurgaon Real Estate Link to Demo

Performed comprehensive data analysis on Gurgaon real estate data, addressing missing values with imputation strategies and identifying outliers through statistical methods and visualization. Implemented techniques for outlier handling, ensuring data quality for accurate insights and robust analysis.

Online Risks Faced By Children Link to Demo

Led a project titled "Online Risks Faced By Children" to address the growing issue of online safety for minors. Through comprehensive research, including root node analysis, the 635 rule, and user surveys, identified key challenges and developed innovative solutions. The project resulted in a comprehensive website resource, providing valuable information and tools to mitigate online risks for children. This project demonstrates a strong commitment to social impact and a proven ability to translate research into actionable solutions.

Education

B-Tech at Mahindra University - Sep 2022 - Jun 2026 (GPA: 7.33)

Skills

Python
c
Object Oriented Programming
optimisation
debugging
design and analysis of algorithms
team management